BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Improvements to CC Road and Drains at Agrahara Village in Ward No. 05

			Estimate Cost Rs.					5000000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 143/ Item No. 19.1/ PWD SR 2018-19	Cum							
	For Road Surface		1	100.00	4.00	0.20	80.00		
	Desiling of Drains		2	325.00	0.45	0.35	102.38		
	For Flaging Course		4	325.00	0.25	0.30	97.50		
	For SSM Drain Main Road		1	60.00	2.10	1.00	126.00		
	New Slab Drain Near nagesh House		1	100.00	0.75	0.75	56.25		
							462.13	137.80	**63681.00**
	Basic Rate	130.00							
	Area Weightage @ 6%	7.80							
	Total	**137.80**							
2	Removing B.S Slab of Drain and stacking 7.5MM Thick, Page No. 25/ Item No. 5.32/ PWD SR 2018-19	Sqm							
			2	325.00	1.65		1072.50		
	Deduct 25% Missing Slabs						268.13		
							804.38	104.94	**84411.00**
	Basic Rate	99.00							
	Area Weightage @ 6%	5.94							
	Total	**104.94**							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2018-19	Sqm							
			Qty Vide Item No.3				804.38		
							804.38	**111.30**	**89527.00**
	Basic Rate	105.00							
	Area Weightage @ 6%	6.30							
	Total	**111.30**							
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 27/ Item No. 5.31.1/ PWD SR 2018-19	**Sqm**							
	For Missing Slabs						268.13		
	For New Slab Drain		1	100.00	1.65		165.00		
							433.13	742.00	**321379.00**
	Basic Rate	700.00							
	Area Weightage @ 6%	42.00							
	Total	**742.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRRB M600-3. Construction of Rolled Cement Concrete mix 1:4:8 OPC cement @180kgs, with 25mm and down size graded granite metal coarse aggregate at 0.85cum and fine aggregates @0.57cum base course with coarse and fine aggregate conforming to IS:383, aggregate cement ratio 12:1 and minimum cement content of 180kg/ cum, aggregate gradation to be as per Table 600-4 after blending, mixing in batching plant at optimum moisture content, transporting to site, laying with a paver with electronic sensor, compacting with 8-10 tonnes smooth wheeled vibratory roller to achieve, the designed flexural strength, finishing and curing complete as per specifications - No. 175/ Item No. 22.3/ PWD SR 2018-19	**Cum**							
	For CC Road		1	100.00	4.00	0.15	60.00		
	For Flaging Course		4	325.00	0.25	0.15	48.75		
	For SSM Drain Nagesh House		1	60.00	2.10	0.15	18.90		
							127.65	3606.12	**460321.00**
	Basic Rate	3402.00							
	Area Weightage @ 6%	204.12							
	Total	**3606.12**							
6	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2018-19	cum							
	For SSM Drain		2	60.00	0.60	0.60	43.20		
							43.20	4871.76	**210460.00**
	Basic Rate	4596.00							
	Area Weightage @ 6%	275.76							
	Total	**4871.76**							
7	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 25/ Item No. 5.9/ PWD SR 2018-19	**Sqm**						5811.98	1,56,923.46
	SSM Drain		2	60.00	0.50	0.45	27.00		
							27.00	5305.30	**143243.00**
	Basic Rate	5005.00	5483.00						
	Area Weightage @ 6%	300.30	328.98						
	Total	**5305.30**	5811.98						

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.7/ PWD SR 2018-19	cum							
	For SSM Drain		2	60.00	0.50	0.10	18.00		
	Vent Bed		1	60.00	0.60	0.10	3.60		
	For Flaging Concrete		4	325.00	0.20	0.10	26.00		
							47.60	5627.54	**267871.00**
	Basic Rate	5309.00							
	Area Weightage @ 6%	318.54							
	Total	**5627.54**							
9	KSRB 15.1.3: Providing FLush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 115/ Item No. 15.1/ PWD SR 2018-19	Sqm							
	For SSM Drain		2	60.00		0.50	60.00		
							60.00	223.66	**13420.00**
	Basic Rate	211.00							
	Area Weightage @ 6%	12.66							
	Total	**223.66**							
10	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 26/ Item No. 5.27/ PWD SR 2018-19	Sqm							
	For Raising Course Drain		4	325.00		0.40	520.00		
							520.00	966.72	**502694.00**
	Basic Rate	912.00							
	Area Weightage @ 6%	54.72							
	Total	**966.72**							
11	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm							
	For Flaging Course		2	325.00	1.20		780.00		
	For SSM Drain		1	63.00	1.60		100.80		
							880.80	2100.00	**1849680.00**
	Data Rate	**2100.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
12	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 for raft foundation, column footing, main and secondary beams. Page No. 18/ Item No. 4.48/ PWD SR 2018-19	Cum							
	For CC Road		1	100.00	4.00	0.10	40.00		
							40.00	5770.64	**230826.00**
	Basic Rate	5444.00							
	Area Weightage @ 6%	326.64							
	Total	**5770.64**							
13	KSRRB M2600-3: (ii) Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, No. 233/ 244 Item No. 31.3 PWD SR 2018-19	M							
	For CC Road		25	4.00			100.00		
							100.00	126.14	**12614.00**
	Basic Rate	119.00							
	Area Weightage @ 6%	7.14							
	Total	**126.14**							
14	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift No. 171/ Item No. 22.7/ PWD SR 2018-19	Sqm							
	For CC Road		1	100.00	4.00		400.00		
							400.00	**72.08**	**28832.00**
	Basic Rate	68.00							
	Area Weightage @ 6%	4.08							
	Total	**72.08**							
15	KSRRB M100-2. Loading and Unloading of stone boulders by manual means complete as per specification MORTH-100/chapter-1 Page No. 136/ Item No. 17.1/ PWD SR 2018-19	Cum							
			Qty. Vide Item No. 1+2				**462.13**		
							462.13	60.42	**27922.00**
	Basic Rate	57.00							
	Area Weightage @ 6%	3.42							
	Total	**60.42**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							Grand Total		4306881.00
16	For 12% Applicable GST								516826.00
17	For 3% KRIDL Charges								129206.00
18	For 1% Labour Cess								43069.00
19	Miscesallaneous Charges	L/S							4018.00
20	For DPR & PMC charges								5000000.00

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2018-19
3 This Estimate Grant under SC-SP/TSP Mukyamantrigala Nava Bengaluru Yojane
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

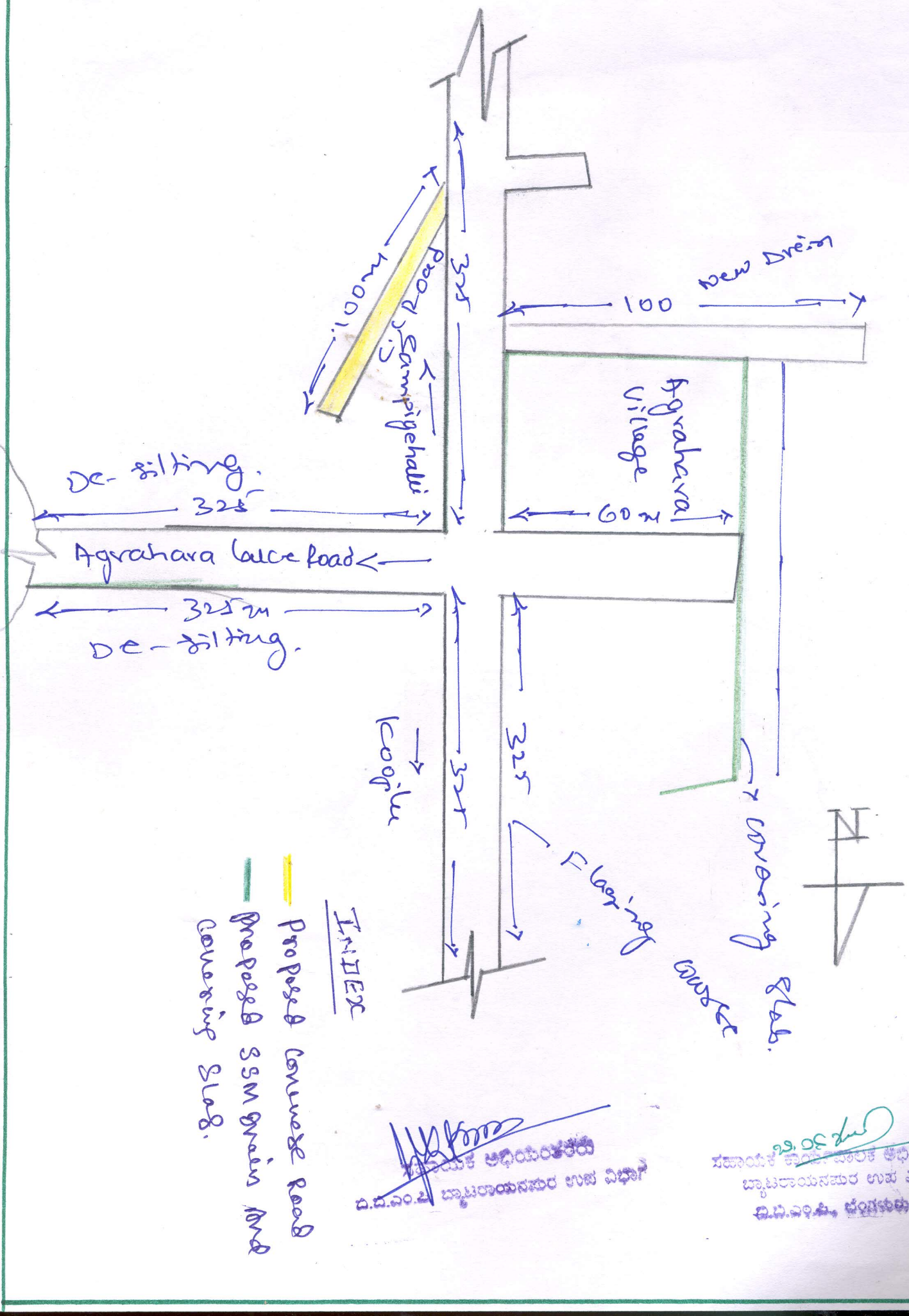
Assistant Engineer
Ward No. 05(Jakkur)

Assistant Executive Engineer
Byatarayanapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVE APPROVAL
Accorded For Rs. 50.00 Fifty Lakhs only
Head of a/c P3727, SC-SP/TSP
Adm. Ref. No. 80 Date 24-10-19
24/10
EE(BTP) 24/10

Rs. 50.00 LAKH ONLY
FIFTY LAKH ONLY
P 3727 SC-SP/TSP
Code No 005-20-000007
Registered as SE(Y)/TS/ 03 / 2019-20 subject to conditions contained in enclosed memo 03 / 2019-20 Dated: 07/11/2019
TA
07/11/2019
SE(Yelahanka)



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

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